FY 1999 Technology Deployment in Environmental Management

Engineering Tomorrow's Solutions Today

Site Technology Coordination Group / Technology Deployment Center
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Soft-Sided Containers for Asbestos

Problem: *Asbestos abatement requires the use of plastic bags to contain the waste. The management of a large number of these bags is resource intensive.*

Baseline Technology: *The plastic bags are individually handled, staged, transported, and disposed.*

Innovative Technology: *The soft-sided containers (SSC) is a large waste bag made of a woven polypropylene material with integrated nylon lifting straps. A large number of plastic asbestos bags are placed in the SSC which serves as secondary containment for the waste.*

Comparison: *The SSC allows the smaller plastic bags of asbestos to be managed as one larger volume. This practice allows for increased staging periods, decreased waste handling, and more effective transport.*

Benefits: *The use of the SSC allows many smaller bags to be effectively managed as one container. Significantly less physical handling is required to manage the waste which results in decreased worker risk as well lower cost. Fewer trips are required to transport the waste to disposal which also results in decreased risk and cost.*

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